### Work Order ID 68748

Thursday, April 21, 2011 8:21:14 AM



Page 1

Iten	1	ID:	

D3456-1

Accept



Setup Start



**Revision ID:** 

**Start Date:** 

Item Name:

**Required Date: 4/25/2011** 

Washer

4/20/2011

Start Qty: 60,00 Rea'd Qty: 60



**Cust Item ID: Customer:** 

Reference:

Approvals:

Date:

Run

Start

Stop

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID Operation Description

Set Up/ **Run Hours**  Tool ID

Tool # Plan

Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

**Draw Nbr** 

Revision Nbr

D3456

100

Purchasing

Purchasing

**PURCHASING** 

Rev A

Memo

0.00

0.00

Supplier: McMaster-Carr Material release note is required

110

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

0.00

0.00

Packaging

Ensure Material Release Note is attached

120

Quality Control

Memo

QC6- Inspect dimensions to drawing

## **Dart Aerospace Ltd**

W/O:			W	ORK ORDER CHAN	GES				
DATE	STEP	PRO	CEDURE CH			Ву	Date Q	ty Approval Chief Eng /	Approval QC Inspector
								Prod Mgr	QO Mapeciol
									1
				Fault Category:					
	Re	esolution:						Date: _	
NCR:		V	WORK ORI	DER NON-CONFORM	MANCE	(NCR)			
DATE	CTED	Description of NC	Corrective Action Section				Verificati	on Approval	Approval
DATE	STEP Descript	Section A	Initial Chief Eng	Action Description Chief Eng	1	Sign & Date	Section C		QC Inspector

### Work Order ID 68748

Thursday, April 21, 2011 8:21:14 AM



Page 2

Item ID:

D3456-1

Accept

Setup Start

Stop

Revision ID:

Item Name:

Washer

4/20/2011 **Start Date:** Required Date: 4/25/2011 **Start Qty: 60.00** 

Req'd Qty: 60.00



**Cust Item ID: Customer:** 

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

Stop

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID

130

Packaging

Packaging

140

QC

Operation Description

Identify as per dwg & Stock Location:

Memo

Set Up/ Run Hours

0.00

Tool ID

Tool# Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

QC21- Final Inspection - Work Order Release

0.00

Quality Control

Memo

0.00

0.00

W/O:					<b>—</b> A				
			W	ORK ORDER CHANG	ES				يد .
DATE	STEP	PRO	PROCEDURE CHANGE			Dat	te Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					-			1 rou mg	
Part No:	:	PAR #:	Fault Cate	egory:	_ NCR: Ye	s No	DQA:	_ Date: _	
	Re	esolution:	Disposition	on:	_ QA: N/C	Closed	:	Date: _	
NCR:			WORK ORE	ER NON-CONFORM	ANCE (NO	CR)			
DATE	STEP	Description of NC.			ver			Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sigı Da	1&	Section C	Chief Eng	QC Inspector
				•					

## **Picklist Print**

Thursday, April 21, 2011 8:21:24 AM

Work Order ID: 68748

D3456-1

Parent Item Name: Washer



Start Date: 4/20/2011

Required Date: 4/25/2011

Page 1

**Start Qty:** 60.00

Required Qty: 60.00

Comments:

Parent Item:

IPP A□05.10.03□New issue□KJ/JLM□

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
91525A120 washer		Purchased	No			100	Each	0.0000		60	/4/4/	(s.6	66

# **Dart Aerospace Ltd**

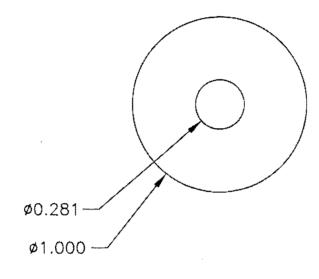
W/O:			W	ORK ORDER CHANG	ES					
DATE	STEP	PRO	PROCEDURE CHANGE				Approval Chief Eng / Prod Mgr	Approval QC Inspector		
							1 Tod Wigi			
								·		
Part No		PAR #:	Fault Cate	egory:	NCR: Yes	No <b>DQA:</b>	Date: _			
Resolution:			Disposition	on:	_ QA: N/C Cld	QA: N/C Closed: Date: _				
NCR:			WORK ORE	DER NON-CONFORMA	NCE (NCR	)		,		
DATE	STEP	Description of NC		Corrective Action Secti		Verification	n Approval	Approval		
DATE	SIEP	Section A	Initial Action Descrip Chief Eng Chief Eng		Sign & Date	Section C	Chief Eng	QC Inspector		



DE	CP	DRAWN BY	DART	AEROSPACE	
СН	CKED ,,	APPROVED A	DRAWING NO.		REV. A
	一世	1	D3456	*	SHEET 1 OF 1
DA*	Έ	***************************************	TITLE		SCALE
0.5	5.09.01		WASHER		2:1
Α		05.09.01	NEW ISSU	JE	



# SPECIFICATION CONTROL DRAWING



**SHOP COPY** RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER NO. 48798

2/11-09-21

D3456-1 WASHER

- 1) MATERIAL: 316 STAINLESS STEEL, 0.050" THICK
- 2) MAY PURCHASE McMASTER-CARR P/N 91525A120
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 2005 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES												
DATE	STEP	PRO	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
·			_											
		•												
Part No		PAR #:												
	Re	esolution:							Date: _					
NCR:		\	WORK ORI	DER NON-CO	NFORMAN	CE (NCF	R)							
DATE	STEP	Description of NC		Corrective Action Section			Verifi	cation	Approval	Approval				
DATE	SIEP	Section A	Initial Chief Eng	Initial Action Description Chief Eng Chief Eng			Section C		Chief Eng	QC Inspector				
					_									

<sup>-</sup> H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

#### \*\*\*PO REPRINT\*\*\*

#### Purchase Order ID PO13928

Purchase Order Date 4/21/2011 PO Print Date 4/21/2011

Page Number 1 of 1

Order From:

VU-MCM001

MCMASTER-CARR SUPPLY CO, P.O. BOX 7690 CHICAGO, IL 60680-7690 US

**Contact Name** 

Vendor Phone

330 995 5500

Vendor Fax

Vendor Account Nbr

330 995 9600

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr

10127-2607 Net 30

Terms

USD

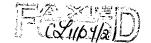
Currency **FOB** 

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7 **CANADA** 

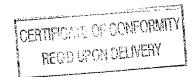


Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
l 9	91525A120	washer  Special Inst:	B68748	60.00 Each i: D3456. Rev:A N: 91525A120	,	\$0.2664	\$15.98
2		5126A21 CLAMP	4/27/2011 No	Each	FedEx PI collect	\$11.1900	\$89.52
Deliver 3	r To: ERIC.L	213A17 LAYOUT INK	4/27/2011 No	1.00	FedEx PI collect	\$9.4100	\$9.41

Deliver To: CNC

PO Total:

\$114.91



No substitution or deviation without consent.

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

2

Change Date: 4/21/2011

200 Aurora Industrial Parkway Aurora OH 44202 330-995-5500 cle.sales@mcmaster.com

Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada

Purchase Order PO13928

1 - 126

McMaster-Carr Number 6226440-02

04/21/2011

3

HZ-D

Page 1 of 2

Line Description Ordered Shipped 91525A120 Type 316 Stainless Steel Large-Diameter Flat 3 Washer, 1/4" Screw Size, 1" OD, .04"-.06" Packs Thick, Packs of 25, Item Sold In Standard Packs of 25 Each Unit Price: \$6.66 Extended Price: \$19.98 2131A17 Layout Fluid Blue, 16 oz (net 12 Oz) Spray Each

**A13** 2 - 703 - 02 | 08 - 79 | A120 3PK

Shipped separately from our Chicago warehouse on 04/21

Unit Price:

Extended Price:

Hold-Down Toggle Clamp, Open Arm, Steel, 200-110# Cap, Neoprene Tip Spindle

8 8 Each

Charges for this shipment

5126A21

Merchandise Amount:

\$29.39

\$9.41

\$9.41

Sales Tax:

\$1.47

Total:

\$30.86

Dart Aerospace Ltd



3 lbs 2 lines

FW1WBP24 04/21/2011 13:30/13:47 087 Cycle 44

1140006098623

